# (19) World Intellectual Property Organization International Bureau



(43) International Publication Date 10 March 2005 (10.03.2005)

**PCT** 

## (10) International Publication Number WO 2005/020876 A2

(51) International Patent Classification7:

A61K

WO 2005/020876 A2

(21) International Application Number:

PCT/CZ2004/000053

(22) International Filing Date: 31 August 2004 (31.08.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PV 2003-2367

2 September 2003 (02.09.2003) CZ

(71) Applicant (for all designated States except US): PLIVA-LACHEMA A.S. [CZ/CZ]; Karásek 1, 621.33 Brno (CZ).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): ZALUDEK, Borek [CZ/CZ]; Novomestska 19, 621 00 Brno (CZ). BOLESLAY, Jan [CZ/CZ]; Brnenska 284, 666 01 Tisnov (CZ). KYSILKA, Vladimir [CZ/CZ]; Duhova 2, 621 00 Brno (CZ). VERNER, Jiri [CZ/CZ]; Dicerova 12, 635 00 Brno (CZ). BRZOBOHATA, Hana [CZ/CZ]; Mojzisova 10, 612 00 Brno (CZ). MATEJKOVA, Bozena [CZ/CZ]; Stouracova 12, 635 00 Brno (CZ). KAKRDA, Milan [CZ/CZ]; Halasovo nam. 2, 635 00 Brno (CZ).
- (74) Agent: KUBAT, Jan, Traplova Hakr Kubat, Law and Patent Offices, PO Box 38, Pristavni 24, 170 00 Praha 7 (CZ).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,

MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NI., PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

### Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG. AL. AM. AT. AU. AZ. BA. BB. BG. BR. BW. BY. BZ. CA. CH. CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, H., IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD. MG. MK. MN. MW. MX. MZ. NA. NI. NO. NZ. OM. PG. PH. PL. PT. RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM. TN. TR. TT. TZ, UA. UG, UZ, VC, VN. YU. ZA, ZM. ZW. ARIPO patent (BW. GH. GM. KE. LS. MW. MZ. NA. SD. SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG. CH. CY. CZ. DE, DK. EE, ES, FI, FR, GB, GR, HU, IE, IT. LU, MC. NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF. BJ. CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN. TD. TG)
- of inventorship (Rule 4.17(iv)) for US only

### Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PHARMACEUTICAL COMPOSITION, MITTHOD OF MANUFACTURING AND THERAPEUTIC USE THEREOF

(57) Abstract: The invention relates to a pharmaceutical composition prepared by freeze-drying in vacuo, containing oxaliplatin as the active component and a pharmaceutically acceptable carrier, wherein the carrier is at least one alcoholic sugar of non-animal origin, the weight ratio of oxaliplatin to the alcoholic sugar of non-animal origin or alcoholic sugars of non-animal origin being 1:3 to 1:7. The invention also relates to the method of manufacturing of said composition and to the use of this composition in the treatment of tumors sensitive to oxaliplatin.

2005/020876 A2